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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/540,968
Filing Date	September 26, 2005
First Named Inventor	Wei Sun, et al.,
Group Art Unit	2128
Examiner Name	Hugh M. Jones
Attorney Docket Number	46528-5047-00-US (415078)

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached

<input checked="" type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

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<input type="checkbox"/> Response to Missing Parts/Incomplete Application

<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)

<input type="checkbox"/> Drawing(s) - Figs.

<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition

<input type="checkbox"/> Petition to Convert to a Provisional Application

<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address

<input type="checkbox"/> Terminal Disclaimer

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<input type="checkbox"/> CD, Number of CD(s)
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC

<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences

<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter

<input type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|---|--|

Remarks:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Drinker Biddle & Reath LLP
Signature	
Printed Name	Kathryn Doyle, Ph.D., J.D., Reg. No. 36,317
Date	May 19, 2008

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

Typed or printed name	Lisa R. Haines	
Signature		Date: 5/19/08



I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON THE DATE INDICATED BELOW.

BY: Lisa R. Hume

DATE: 5/19/08

**PATENT
MAIL STOP AMENDMENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Patent Application of Wei SUN, <i>et al.</i>	: Group Art Unit: 2128 : :
Appln. No:	10/540,968	: Examiner: : Hugh M. Jones
Filed:	September 26, 2005	: : Attorney Docket No.:
For:	METHODS AND APPARATUS FOR COMPUTER-AIDED TISSUE ENGINEERING FOR MODELING, DESIGN AND FREEFORM FABRICATION OF TISSUE SCAFFOLDS, CONSTRUCTS, AND DEVICES	: 046528-5047-00-US (415078) : (formerly DRE-0179) : : : : :

AMENDMENT AND RESPONSE TO OFFICE ACTION

This Amendment is responsive to the Non-Final Office Action mailed on June 28, 2007, in connection with the above-captioned application. Further, this Amendment is responsive to a "Notice to the applicant regarding a Non-Compliant Amendment" mailed May 6, 2008, requesting Applicants' summary of the November 13, 2007 interview. This Response is being timely filed in view of the "Notice to the applicant regarding a Non-Compliant Amendment" mailed May 6, 2008, which sets the time for response through and to June 6, 2008.

AMENDMENTS TO THE CLAIMS begin on page 2 of the present paper.

REMARKS begin on page 4 of the present paper.